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THE MAD HATTER

DOUGLAS COLLEGE LIBRARY
ARCHIVES

NO. 83

WEDNESDAY, NOVEMBER 22, 1972

INDEX -- INSIDE FRONT COVER

Scenario for an oil-spill disaster

SEE LEAD ARTICLE AND CENTRE SPREAD

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"TIME TO TALK"

Remember the dates and locations
for the weekly

OPEN DISCUSSION SESSIONS
for

Faculty, Staff, and Students

continuing every
WED. 3 - 6 p. m.
through to May 2, 1973

NOV. - DEC. TIMETABLE

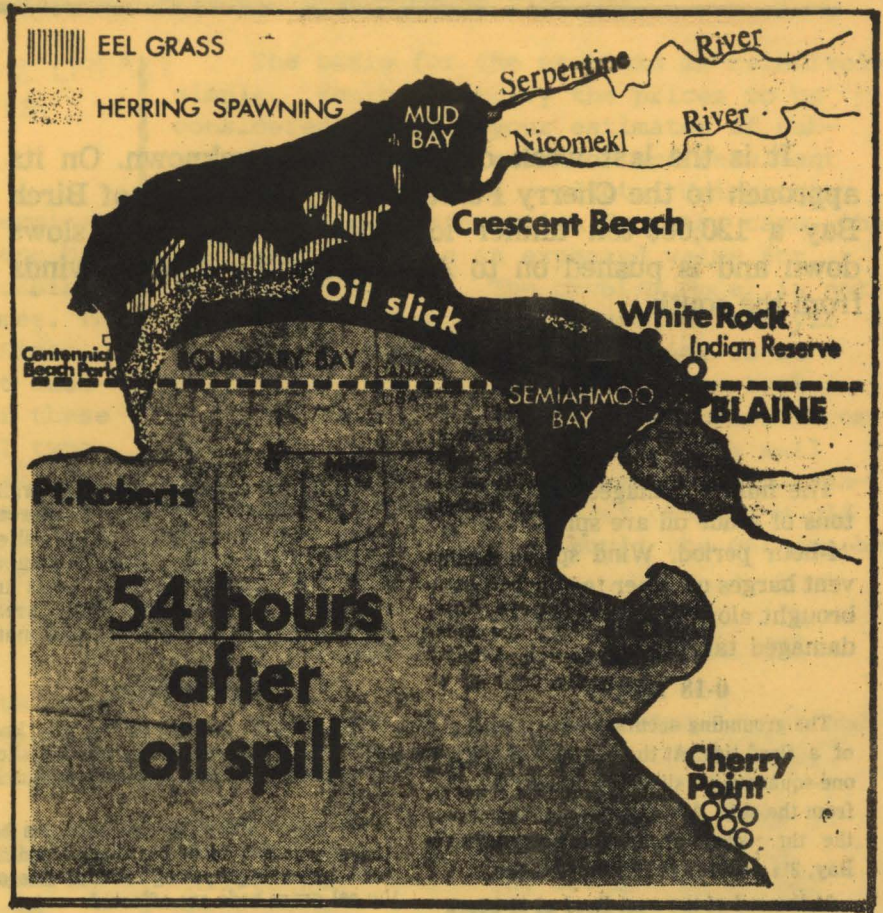
Wed. Nov. 22 - Richmond (Cafeteria)
" Nov. 29 - New West (4-Room Complex)

" Dec. 6 - Surrey (4-Room Complex)
" Dec. 13 - Richmond (Cafeteria)
" Dec. 20 - New West. (4-Room Complex)

Regular Panel includes the Principal,
Deans, Bursar, and Senior Adminis-
trators.

A "TIME TO TALK" IS IMPORTANT TO ALL--
LET'S TAKE THE TIME!!

DOUGLAS COLLEGE LIBRARY
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The VANCOUVER SUN: Thur., May 11, 1972

Last year, the federal government commissioned environmental and resources management consultants Howard Paish and Associates Ltd. to do a study on transport of oil through the coastal waters of South-western British Columbia.

Seven months later, the multi-volume report on the study—entitled *The West Coast Oil Threat in Perspective*—was handed over first to Environment Minister Jack Davis and then to the House of Commons.

Included in it were three scenarios—two based on circumstances which have not happened but which could easily do so, and one based on a spill which did happen near Powell River.

One of these scenarios is printed here.

It is the last week of March, year unknown. On its approach to the Cherry Point refinery just south of Birch Bay a 120,000-ton tanker loses its steerage as it slows down and is pushed on to Alden Bank by 20-knot winds from the south.

The hull is damaged and 40,000 tons of crude oil are spilled over a 24-hour period. Wind speeds prevent barges or other tankers being brought alongside to off-load oil in damaged tanks.

0-18 HOURS

The grounding occurs at the beginning of a flood tide. At the end of that tide a one-square-mile slick moves northward from the ship. After the first tidal cycle, the three-square-mile slick is off Birch Bay, 2 1/4 miles north of the spill site.

At the end of the next flood at 18 hours the slick covers seven square miles and has crossed the international boundary, almost blocking the opening of Semiahmoo Bay.

Various crab and bird populations in Boundary Bay are threatened. Peat moss bombing commences and tugs, slick-lickers, and barges arrive at the spill site just before nightfall. Shorelines are reconnoitered to establish the priority areas to be protected. Booms are placed across the Serpentine and Nicomekl Rivers and around jetties and wharves.

Road building to the vital areas begins and a command post for the oil spill clean-up program is established.

18-24 HOURS

The next ebb tide carries the head of the slick to the Canadian coast south of Crescent Beach and into Semiahmoo Bay. The slick has travelled 17 miles northward, covers 14 square miles, has contaminated approximately two miles of beach, and is beginning to emulsify. The leaking from the vessel has stopped.

24-30 HOURS

Tidal cycles carry the slick into Boundary, Mud and Semiahmoo Bays, contaminating intertidal areas.

A thousand birds, including seagulls and dabbling ducks, have been affected by the oil. The western edge of the slick is approaching the main herring spawning and brant feeding grounds in Boundary Bay. The shorelines of Crescent Beach have been coated with oil.

Short booms are being towed parallel to the Crescent Beach shore to intercept some of the oil-soaked peat and oil escaping under these booms is bombed with more peat. A flotilla of boats and landing craft is being used to spread fresh peat moss and collect soiled material.

30-36 HOURS

The ebbtide, countered by 20 knot southerly winds, tends to push the slick northeast into a more circular configuration.

Eel grass and shell fish beds are becoming fouled with oil. Birds feeding during the night along the tide line on the eel grass beds are affected.

36-48 HOURS

This flood tide causes the slick to cover thousands of acres of the intertidal zone in Boundary, Mud and Semiahmoo Bays.

By daybreak, 10 miles of Boundary Bay shoreline is coated with oil. Virtually all of the bird species inhabiting the bay have been oiled. It is estimated that up to 10,000 birds have been affected — the actual number perhaps

running five times that. Herring production has probably been lost for the year and the impact on shellfish is severe.

BEYOND 48 HOURS

After two days, the slick has reached its maximum area of some 35 square miles. Upwards of 3,000 people are now involved in the clean-up operation, using boats, dune buggies, tracked vehicles, scrapers, and graders.

The flood tide has now covered the complete shoreline of Boundary Bay. With migrant birds entering the bay each day, it is estimated that over 100,000 birds could be killed, including as much as five per cent of the total Pacific black brant population.

Efforts to rehabilitate the birds have been unsuccessful. Intertidal areas are recontaminated each flood tide and long-term biological effects may never be known.

Recreation activity in the bay will be severely affected. Bathing and beachcombing will virtually cease because of continuous occurrences of oiling from the contaminated intertidal flats.

PAGE SIX



Clean-up will continue for at least a month, with a longer period of standby operation to deal with any re-oilings.

Economics of Lost-Resource Values

The total reduced rental value of waterfront property is estimated at \$700,000, with Crescent Beach and Boundary Bay being more seriously affected than White Rock and Ocean Park.

Loss of property value of properties close to the water approaches \$3 million, while an estimate of total recreation beach losses is a little over \$1 million.

With the addition of economic losses from the loss of waterfowl hunting, the total economic loss for the Boundary Bay area is nearly \$4,700,000.

Social Consequences

Boundary Bay is one of the largest natural tidal flats on the entire Pacific coast, and its importance to migratory waterfowl has given it international significance.

Recreationists and conservationists in the Lower Mainland have acquired a strong proprietary interest in the bay, and studies to develop a range of alternative plans for its development for recreational purposes and for the maintenance of its natural values are underway.

Although there are no major educational or scientific programs relating to the bay at present, the potential for these is immense.

Cost of Spill Response and Cleanup

The Boundary Bay spill takes a month to clean up because of the difficulty encountered in clearing the extensive tidal flats.

The clean-up costs involve land and water-based equipment, booms, slick-lickers and skimmers, barge tugs, barges, absorbents, aircraft, high flotation tired vehicles, 800 skilled personnel and 2,000 laborers. The cost for this clean-up is estimated at \$24,363,000.

PLEASE NOTE: By direction of Principal's Council, material appearing in the Mad Hatter is processed through the Information Office without abridgment or editing, except for requirements of space limitations and legal considerations. However, at the specific request of contributors, copy editing will be provided as time permits.

--Jim McIntosh

NOTICES

LIBRARY HOURS

December 21, 1972 to January 16, 1973
inclusive

9 a.m. - 5 p.m.

Monday through Friday

(closed Saturdays)

The library will be closed
December 25, 26 and January 1.

December 27, 28 and 29 -

The library will be open by prior
arrangement only, from 9 a.m. to 5 p.m.

CHILDREN'S CHRISTMAS PARTY

SATURDAY, DEC. 16, 1972, 3 P.M.

CAFETERIA NEW WESTMINSTER CAMPUS

FOR CHILDREN 12 YEARS OF AGE

AND UNDER. INFORMATION: 943-1038

CURRICULUM & INSTRUCTION TASK FORCE MEETING

Thursday, November 23

10 - 12 a.m.

S104

R.W. Lowe
Chairman

Notice to All Faculty

Those who have not already done so, please submit the Statistics Canada questionnaires to Mary Christy as soon as possible.

Thank you.

Mary Christy on phone: "He's out to lunch now, but he won't be gone very long. Nobody took him."

FULL-TIME FACULTY PLEASE NOTE:

Plan and grade books are now
available from your campus
receptionist.

FILM -- RICHMOND CAMPUS -- ALL WELCOM

FRI., NOV. 24 - 8 P.M.

"IF" STARRING MALCOLM MCDOWEL

ONLY 25¢

WANTED TO RENT

3 bedroom house with carport or garage,
preferably with basement, in Surrey or
North Delta.

Approximately \$200.00/month.

Required by new employee.

Contact Gerry in the Admissions Office.

The Worth Commission Report on Educational Planning

VIDEOTAPE PANEL

DR. LORNE DAVIDSON V.C.C.

DR. SHEILAH THOMPSON D.C.

WAYNE BLAIR D.C.

GEORGE PORGES D.C.

DISCUSSION

THURSDAY, NOVEMBER 23 -- 12:15 - 1:45 P.M.

SURREY CAMPUS, FOUR-ROOM COMPLEX

ORGANIZED BY THE COLLEGE'S

FACULTY DEVELOPMENT COMMITTEE

FOR THE FACULTY

*
"THE WORTH COMMISSION REPORT IS THE MOST RECENT, AND FOR OUR
SITUATION, MOST RELEVANT CANADIAN REPORT ON EDUCATIONAL
QUESTIONS AND PROBLEMS"

*
FACULTY DEVELOPMENT COMMITTEE

ALL FACULTY AND STAFF ARE CORDIALLY INVITED TO ATTEND

ANNUAL BIRD COUNT

Each year the Vancouver Natural History Society and other similar groups associated with the National Audubon Society conduct a bird count. Last year Douglas College sent a team out to participate in the count which took place in an area 15 miles in diameter covering White Rock-South Surrey-South Langley. The result was a list of 101 species totalling 17,088 individual birds - a low figure because the count took place during a period of heavy frost and snow.

This year the Institute will again field a team of observers, or, if possible, several teams for the count on Saturday 30th December.

If you or your family wish to participate, please contact me at your convenience for further details. You need not spend the whole day on the count. Half a day would be a valuable contribution. Copies of last year's list may be obtained from Grace Taylor, Surrey Campus

Barry Leach.

PERSONNEL -- HELP WANTED ON CAMPUSRICHMOND CAMPUS -- LIBRARY CLERK

We have a temporary vacancy for an experienced library clerk to perform general library duties for the period Dec. 11 to March 26.

Applicants must have some library experience and should be able to type. Occasional evening and Saturday work involved. Salary \$415 per month.

Apply by Nov. 29 to Supervisor of Personnel Administration, Douglas College, Box 2503, New Westminster.

NEW WESTMINSTER CAMPUS -- PAYROLL CLERK

We have an immediate opportunity on our New Westminster Campus for a payroll clerk to work with a senior clerk on preparation of a medium sized payroll.

Successful applicant must have actual payroll experience and typing abilities. It is essential to be able to work under minimal supervision and in close co-operation with other staff.

Starting salary \$415 per month plus full employee benefits.

Apply in writing stating qualifications to: Supervisor of Personnel Administration, Douglas College, Box 2503, New Westminster, B.C.

Lines Composed Under the Influence of
STRONG EMOTION

My garage has a sliding door,
And I have caught my finger in it.
I used to boast of it before
("My garage has a sliding door");
It doesn't thrill me any more,
It lost its charm in half a minute.
My garage has a *!#! * door,
AND I HAVE CAUGHT MY FINGER IN IT!

*Sliding?

G.D.R. Davies

Submitted by,

D.R. Williams

VANCOUVER CITY COLLEGE



Langara

invites applications for the position of

ASSISTANT DEAN, ADMINISTRATIVE SERVICES

The Assistant Dean is responsible to the Dean of Administrative and Student Services for such functions as: budget preparation and control, preparation and implementation of systems and procedures, specification and requisition of materials and equipment, building repair and alteration, coordination of the instructional service operations of the campus.

Desirable qualifications should include instructional or related administrative experience in post-secondary education, business and/or engineering background, formal qualifications to the Master's or equivalent level in Business Administration, Accounting or related fields.

Salary: Four-step scale rising to \$20,693 per annum.

Apply in writing, including vitae and references, to the Principal, Vancouver City College, Langara, 100 West 49th Avenue, Vancouver 15, B.C. by December 15, 1972.

EXECUTIVE ASSISTANT

for

INFORMATION SERVICES

This position requires a person with demonstrated competency in working with the major communications media, capable of providing creative leadership and the necessary management of the total College information services including the preparation of a wide range of College publications.

The successful candidate will be a mature person, possessing the necessary skills and capabilities essential to interpreting the College to the community. A minimum of five years of professional experience is required.

Salary: Five-step scale rising to \$16,181 per annum

Piano Concert

DOUGLAS COLLEGE LIBRARY
ARCHIVES

TERRY JACOBSON, PIANIST

MONDAY, NOVEMBER 27 AT 4:15 P.M.

MUSIC BUILDING - NEW WESTMINSTER CAMPUS

NO ADMISSION CHARGE - EVERYONE WELCOME



Terry Jacobson, an outstanding young pianist from Montana, is presently studying with Mr. John McIntyre at Western Washington State College in Bellingham, and is a former student of Mr. Henry Waack of the Douglas College Music Department.

He recently won the "Washington State Music Competition" for piano and will represent the state in Divisional competition. He was also a member of a chamber music group which won the "Friends of Chamber Music" competition in Vancouver.

He holds the Bachelor of Arts Degree and is working toward a Masters Degree with emphasis on piano performance. He has a graduate teaching assistantship at Western Washington State College and next year plans to further his studies in the Eastern States, either at Boston University or the Juilliard School of Music, New York.

In addition to his Douglas College performance, Terry is also giving concerts in Yakima, Skagit Valley Community College and Eastern Washington State College in Cheney, this month.

He is playing a demanding programme which includes the Bach E Minor Partita, a Bartok Sonata, and the complete "Carnival" by Schumann.

All faculty, staff and students are cordially invited to attend.

STOP THE TANKERS

THERE SEEMS TO BE
A LOT OF NOISE
ABOUT POLLUTION
BUT WHERE IS THE ACTION?

COME TO THE FOUR-ROOM COMPLEX

SURREY CAMPUS

1 - 2 P.M.

FRIDAY, NOV. 24

FUND-RAISING DRIVE TO SUPPORT DAVID ANDERSON'S SUIT IN THE SUPREME COURT OF THE UNITED STATES. DAVID ANDERSON, FORMERLY A MAVERICK LIBERAL MP, NOW LIBERAL MLA AND LEADER OF THE B.C. LIBERAL PARTY IS SEEKING TO BLOCK THE PROPOSED OIL ROUTE TO CHERRY POINT. AS NEWSPAPER ARTICLES HAVE STATED, AN OIL SPILL FROM A SUPERTANKER IN THIS AREA COULD HAVE DISASTROUS EFFECTS. ANDERSON, WHO REQUIRES \$80,000 FOR THE LEGAL SUIT, PREFERS TO RAISE THE MONEY BY SMALL GRASS ROOTS DONATIONS IN ORDER TO INVOLVE MASSIVE PUBLIC SUPPORT IN THIS BATTLE.

THIS BATTLE TRANSCENDS PARTY LINES. AS MANY OF YOU KNOW, I AM NOT A SUPPORTER OF THE LIBERAL PARTY, NOR DO YOU HAVE TO BE. TRANSLATE YOUR "CONCERN" ABOUT THE ENVIRONMENT INTO ACTION. ATTEND THE ORGANIZATIONAL MEETING IN SURREY, FOUR-ROOM COMPLEX (210 & 212) AT 1 - 2 P.M., FRIDAY, NOVEMBER 24.

--ROGER D. ELMES

P.S. I WILL BE THERE UNTIL 4 P.M. FOR ANYONE TEACHING DURING THE 12 - 2 O'CLOCK PERIOD.

DAVID ANDERSON
WILL BE IN ATTENDANCE

ANNOUNCING NEW BOOKSTORE HOURS
DECEMBER AND JANUARY

New Westminster

The bookstore on the New West campus will close at 5:00 p.m. on Wed., December 20th and will re-open on Wed., January 17th.

Please note that during December and until classes commence January 17th the bookstore will not be open evenings after 5:00 p.m.

Surrey

The bookstore on the Surrey campus will close at 5:00 p.m. on Fri., December 22nd and will re-open on Tuesday, January 2nd.

The store on the Surrey campus will remain open Tuesday and Wednesday evenings as usual during December but will close at 5:00 p.m. Wed., December 20th and will not be open evenings again until January 17th.

New Westminster & Surrey Hours Commencing January 17th

Wed., January 17th....9:00-9:00
Thurs, January 18th...9:00-9:00
Fri., January 19th....9:00-5:00

hereafter, normal hours to resume i.e.

Mondays.....9:00-5:00
Tuesdays.....9:00-9:00
Wednesdays.....9:00-9:00
Thursdays.....9:00-5:00
Fridays.....9:00-5:00
Saturdays.....CLOSED

Richmond Campus

An order service will again be in effect at Richmond during the first two or three weeks of the new semester. Date that the service will commence and exact hours to be announced later.

CHRISTMAS GIFT SUGGESTIONS
FROM THE BOOKSTORE

Both Surrey and New West bookstores now carry a wide range of crested items. These include T-shirts, bookends, key chains, glassware, ceramic and pewter steins, cigarette lighters, decals, etc.

In addition a number of jewellery items are available. Stone-set or enamelled rings may be ordered in variety of styles but do require a waiting period of several weeks. Items carried in stock include crested pins, tie-tacs, cuff links, coffee spoons and charms (available in either sterling or 10K gold).

Prices for these items range from \$1.50 for a ceramic coffee mug to \$16.00 for a handsome pair of walnut bookends with brass plates engraved with the Douglas "D".

DID YOU KNOW?

In addition to textbooks, paperbacks, stationery items and art supplies the bookstore carries magazines, tape cassettes, film, letraset and sundry other items (including combs, by popular request!).

Film to be developed? The bookstore at Surrey will send out your film and notify you as soon as the developed materials are returned to us.

TIBETAN REFUGEE SOCIETY

Dr. Barry Leach has brought in a number of new and used titles, many to be sold at half-price. These are available at the Surrey bookstore and all proceeds go to the Tibetan Refugee Society. Many of these would make ideal Christmas gifts.



Faculty & Staff Christmas Party

Sponsored by the Douglas Faculty Association and the Staff Association

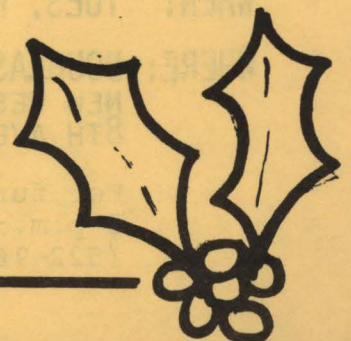
DATE: FRIDAY, DECEMBER 8TH
 TIME: 8:00 P.M.
 PLACE: SUNBURY HALL, 10782 - 84TH AVENUE
 NORTH DELTA, B.C.
 TICKETS: AVAILABLE AT RECEPTION DESK ON
 EACH CAMPUS -- \$3.50 PER PERSON
 (LIQUID REFRESHMENT EXTRA AT
 "GORDON GILGAN'S BAR")
 ORCHESTRA: CONTEMPORARY JAZZ QUARTET
 WITH VOCALIST HOLLY CARROLL
 (DOUGLAS COLLEGE MUSIC DEPT. STUDENTS)
 BUFFET SPREAD: ARRANGED BY LYN, MARGARET, MAUREEN,
 GRACE, ETHLYN AND LAURIE (VOLUNTEERS
 WELCOME)
 WHAT TO WEAR: DO YOUR OWN THING!!

TIME HAS BEEN SET ASIDE DURING THE EVENING FOR SKITS AND
 OTHER HIDDEN TALENTS. PERHAPS EACH DEPT. COULD GET SOMETHING
 GOING. (SEE GORDON GILGAN TO BOOK YOUR SPOT.)

* * * * *

TICKETS ARE GOING FAST

(Sally Bennet Sold 20 Tickets on Friday!!)



A SPECIAL WORKSHOP

on LEARNING DISABILITIES of CHILDREN

PARENTS, PROFESSIONALS, AND ALL INTERESTED PERSONS

DO YOU HAVE, OR KNOW OF, A BOY OR GIRL WHO:

- a) is failing in reading, spelling, writing, or arithmetic but whose teacher believes he could do the work "If he would only try harder;"
- b) has poor co-ordination, is confused regarding sense of space, is easily distracted, is impulsive or over-active;
- c) has difficulty with speech, or fails to understand teaching or instruction;
- d) frequently becomes anxious or angry because of an inability to cope with normal requirements of school or social situations?

THEY MAY BE CHILDREN WITH SPECIAL LEARNING DISABILITIES!

This special workshop is being held to discuss the problems of children with learning disabilities, and to assess the need for the development of an association whose primary concern would be to assist such youngsters.

WORKSHOP FORMAT

8:00 p.m. Film: "Early Recognition of Learning Disabilities"
Film Strip: "The School Daze of the Learning-Disability Child"

8:30 p.m. Panel Discussion:
Moderator - Farrel Hannah, Simon Fraser Mental Health Centre
Panel - Dr. Edward Cook, Pediatrician; Ms. Bev Feigel, Student;
Mr. Frank Ganin, Special Counsellor; Mr. Jim McIntosh, Information Officer, Douglas College; Ms. Doris Patterson, Volunteer Counsellor.

Panel discussion followed by coffee break, question period, a reassessment of needs, and discussion of future plans.

WHEN: TUES. NOV. 28 -- 8-10 P.M. FREE ADMISSION

WHERE: DOUGLAS COLLEGE
NEW WESTMINSTER CAMPUS (FOUR-ROOM COMPLEX)
8TH AVE. & MCBRIDE BLVD.

For further details, contact: Sophie Birch (526-1601) 9 p.m. to 5 p.m.; Fran Layton (939-7716) after 6 p.m.; Toby Snelgrove (522-9671) after 6 p.m.

COMMENT

The material included below is reprinted from the Vanier College Newsletter. Vanier is one of the CEGEPS in Montreal. I thought the two articles were particularly interesting since "A Challenge to the Joint Coordinators Group" showed that some of the problems that we are facing are definitely national, and the "Notice to Employees" indicated that they, at Vanier, also have a sense of humour.

The only thing that I have to identify, having read the "Notice to Employees", is who the hell is the other person???

George
George C. Wootton

A CHALLENGE TO THE 'JOINT CO-ORDINATORS' GROUP

Extracts of a paper submitted by Avrum Dunsky (physics) at the Oct. 19th meeting.

Since the beginning of this semester we have not yet met at a regular meeting, but have had two special meetings to discuss budgets and other heated aspects of the nuts and bolts of Vanier....

I seriously doubt that further discussion of nuts and bolts will strengthen the structure (structurally or philosophically) at Vanier. We excused ourselves for 2 years by saying that these administrative problems had to be solved....

I ask how much longer are we going to hide behind the mask of laziness before we tackle the real problems, the hard to solve problems, that exist in Vanier today....

Allow me to list some of our problems, a list, I might add, that can only be part of a seemingly endless one. The list is not in order of priority but rather random and hopefully a mini-generator of a more complete list.

Do we invite students to Vanier solely for the purpose of keeping our jobs, or do we really offer them an opportunity in education?

Do we grade students realistically or do we do it in a random manner?

Do we "turn them on" or "turn them off" (which ever it is, which do we want)?

Do we teach them in a cohesive manner or in a series of 24 unrelated courses (e.g. Do the physics lab reports conform to the ideas of good writing that the English department teaches and expects)?

Do we counsel students properly or assume that they must be happy and well suited in any course that happens to be open?

Do we jealously guard departmental

autonomy regardless of community needs. (Indeed can we continue to refer to ourselves as a community)?

Do we practice what we teach (should we)? (i.e. Can a psychologist agree to a meeting time when every one of the participants is "sapped" from a ridiculously hard day)?

Do we properly use the human resources available to us. (i.e. What happened to Roly Wensley and his report of last year? Does counselling convey to teachers' problems that they have discovered students have)?

Do we have the proper priorities in mind (i.e. Does the Academic Sector serve the non Academic, or is it the other way around)?

Do we investigate how to teach with the resources we have, or are we still insisting on obtaining the "ideal" package of resources before we do any real teaching?

What's wrong with us? Are we so indoctrinated to committees and solutions that we cannot just sit down and discuss? When we are going to shed the innocence of youth and realize that not everything has a "correct" solution? We must sit and talk. We must try to get the sense of who we are, what we are doing, and most importantly what do we want to do, where do we want to go. What is the future for Vanier? We don't need concrete answers like--5,000 students, 2 buildings, so many dollars per student, etc. What we need are questions, feelings, an awareness, and a realization that we will be what we do and not the other way around.

This is the challenge, not only of coordinators but of the college as a whole. Over the past two years, discussions with other faculty have led me to believe that I am not the only "nut" in the college that is seeking some lubrication. What we as coordinators must do is get the idea rolling, set the pace, etc. I very much fear that if we don't do it now IT won't get done.

NOTICE TO FACULTY

RESPECTIVE TO THE FINDINGS OF THE EXPERTS THE FOLLOWING APPEAR TO BE THE STARK STARING FACTS FACING YOU AND ME:-

POPULATION OF CANADA	20,000,000
PEOPLE 65 AND OVER	6,000,000
BALANCE LEFT TO DO THE WORK	14,000,000
PEOPLE 18 YEARS AND UNDER	10,000,000
BALANCE LEFT TO DO THE WORK	4,000,000
PEOPLE IN THE ARMED FORCES	1,000,000
BALANCE LEFT TO DO THE WORK	3,000,000
PEOPLE IN MANAGEMENT POSITIONS	1,000,000
BALANCE LEFT TO DO THE WORK	2,000,000
PEOPLE SICK IN HOSPITALS	900,000
BALANCE LEFT TO DO THE WORK	1,100,000
BUMS AND OTHERS WHO WON'T WORK	1,000,000
BALANCE LEFT TO DO THE WORK	100,000
PEOPLE IN JAIL	99,998
BALANCE LEFT TO DO THE WORK	2

YOU AND ME

..... AND IT'S ABOUT TIME YOU PULLED UP YOUR BLOODY SOCKS, BECAUSE I'M FED UP WITH RUNNING THIS SHOW ALL BY MYSELF.

DOUGLAS COLLEGE LIBRARY ARCHIVES

WEATHER REPORT

LONG-RANGE WEATHER FORECAST FOR VANCOUVER AND VICINITY -- VALID TO SUN., NOV. 26.

The fine spell of November weather will continue after today as high pressure again builds on to the B.C. coast. Fog patches will develop during the early morning hours. The weekend appears favorable with frequent sunshine and mild temperatures.

The major storm track has moved well south of B.C. this past month. As a result, San Francisco has had its wettest and stormiest fall ever experienced during its 124 years of records.

No substantial snowfalls are expected on the nearby mountains as freezing levels remain high.

--Blane Coulcher

SPORTS EVENTS

RUGBY TEAM WINS TWO MORE

The Douglas College Rugby Team continued showing good form last week, winning both their matches.

On Wednesday, they pipped Simon Fraser University's First Team by a score of 6-4. Douglas led by a score of 6-0 at the half, after

a try by George Boon which was converted by Brian McAdam. But S.F.U. turned on the pressure in the second half and their superior weight and size soon began to take its toll. As a result Douglas had to defend grimly and this they did admirably pulling down S.F.U. players just short of their line time after time. S.F.U. finally had its efforts rewarded when one of their flankers scored in the corner. But the conversion attempt which would have tied the game up, went wide and Douglas managed to hang on to the final whistle and win this cliff-hanger.

On Sunday, Douglas put on a superlative display of rugby to demolish the Royal Roads Military College team by a score of 40-4. This was a milestone for the Douglas Team who had never before scored 40 points in a game. Royal Roads as usual were very fit and tenacious, but their rugby skill and tactics could not match that of the Douglas Team.

With their backs running hard, and straight and their forwards dominating the loose ball Douglas led by a score of 22-0 at the half. For the first 15 minutes in the second half Royal Roads defended desperately and managed to prevent Douglas from scoring. They even turned the tide for a while and managed to score against Douglas narrowing the score to 22-4. But from this point on Douglas came out with all their guns blazing and scored 18 points in as many minutes.

George Boon and Dave Jagger were outstanding for Douglas scoring 3 and 2 tries respectively. Other scorers for Douglas were Bill Moran, Jim Alway, Bob Given and Paul Cumming. Phil Sharpe and Dave Walker kicked a conversion each.

COMPUTING CORNER **DOUGLAS COLLEGE LIBRARY**
ARCHIVES

BUSINESS GAMES

Since undertaking the computer terminal evaluation study with Simon Fraser there has been some interest expressed in the possible use of the computer for management games. The Economics and Commerce Department at Simon Fraser makes use of several management decision games in their programs. Some of these games can be accessed through the 2741 typewriter terminal that Bob Browne now has installed in the Chemistry Department at Surrey and others would require the submission of keypunched decisions through the computer terminal which will be installed on the Surrey Campus in January.

A brief description of some of the games follows. For additional information please contact Ron Johnson at the Surrey Campus.

IBM Management Decision Making Exercise

The Management Game program, an exercise modeled after the business strategy game constructed for the American Management Association, permits five teams or companies to compete in an economic market. Each team has control over a number of decision variables which determine its success or failure in competing with each other. The results from one decision enable each team to make further decisions for the next period; each period is a quarter of a year. Every fourth quarter, annual statements are produced for each team.

Hudson Chemical Company of Canada Limited - Computer Facilitated Analysis

This program is written in APL for use on the interactive typewriter terminals.

The game is designed to introduce the student to a simple marketing model useful in making decisions about pricing strategies. Since you can run the program from a terminal and make changes in the input parameters while the program is executing you can explore the properties of the model and observe, almost immediately, the effects of the changes you have made.

The basis for the programs is relatively simple. You can specify the prices to be considered and give your estimates of subsequent competitive reaction and resultant market shares for the product. Using this data and known information from the case, the program calculates an expected value for each price option. The problem model is not the only one that could be used to analyze the Hudson Chemical problem -- nor is it necessarily the best. Part of your task in using the model and drawing conclusions from it is, in fact, to appraise it. How well does it represent the problem? What limitations can you identify? What changes would you make to improve it? Would the changes be worth the costs implied?

Allocating Advertising Dollars by Linear Programming

This program is also written in APL and uses the interactive typewriter terminals.

This computer facilitated analysis is designed to be used in conjunction with "Allocating Advertising Dollars by Linear Programming", by James F. Engel and Martin R. Warshaw, Journal of Advertising Research, (September, 1964), 42-48. In the above article an example is presented which describes the decision-process in media expenditures for an advertising program to promote women's electric shavers in a set of popular magazines using linear programming. The total budget to be expended is one million dollars; an effectiveness rating is developed for each magazine; a set of constraints on the allocation of the budget among magazines is prepared. The Simplex method of solution is used on the computer to give an optimal solution which maximizes effective readership.

University Administrators Decision Laboratory

This program applies the techniques of gaming simulation and the decision process to University administration. The decisions involve the allocation of funds within a university in order to meet the objectives. A computer program simulates the activity of each university and prepares reports showing the results of the decisions made.

--Ron Johnson



STOCKHOLM IN RETROSPECT

Reprinted from *Canadian Conservationist*, Canada's environmental magazine. For subscription rates contact P.O. Box 3060, Vancouver 3, B.C.

Was it Worth it?

The most encouraging aspect of the U.N. Conference on the environment held in Stockholm last June, is that it was held at all, for it showed that even politicians at last recognize that the deteriorating state of our environment deserves global attention.

Apart from that, the conference, which took 3½ years of planning and drew representatives from 112 nations, gave little reason for optimism. The basic problem of industrial expansion versus protection of the environment was not faced, let alone resolved.

The so-called developing nations showed more interest in increasing their standard of living through intensified industrial growth than diverting any of their scarce capital toward pollution abatement. The prospect of starving to death in a clean environment obviously has little appeal.

The prosperous nations, which cause most of the world's environmental destruction, much of it outside their own borders, similarly showed no willingness to reduce their affluence for the sake of mere human survival.

For example, Environment



Roy Peterson — Vancouver

Minister Jack Davis, who headed the 40-man Canadian delegation, said he doesn't believe that "economic growth and environmental quality are necessarily in conflict with one another." As a member of the steadily shrinking school of thought which claims we can eat our environmental cake and have it too, Davis offered no evidence to substantiate his view.

The conference faced its traditional dilemma of trying to solve world problems without worldwide participation. The Soviet Union and other major communist nations in Europe did not attend the conference, ostensibly because East Germany was not admitted to the talks.

Delegates to the unofficial Environment Forum staged in a hastily put together tent city just south of Stockholm, did not solve the world's environmental problems either, but they were at least a lot closer to recognizing the real issues. Mostly students, their consensus of opinion was that we CAN live better with less if we are prepared to change our lifestyles — a view essentially confirmed by the recent Club of Rome Report.

Much to the credit of Canada's Maurice Strong, who presided over the official conference, some positive resolutions were nevertheless approved, including the recommendation to reduce production of synthetic materials, such as plastics, while increasing natural, non-polluting substitutes.

Like the objectives of the U.N. Charter itself, the recommendations were good but the record shows that those in power rarely pay heed to such advice. It is not difficult to predict, for example, what the response to the aforementioned proposal would be at a board meeting of a plastics manufacturing industry.

Davis said afterwards: "I think I can be forgiven for resorting to colorful reporting this once when I say the success of the United Nations Environment Conference was beyond my wildest dreams."

After carefully weighing Mr. Davis' wildest dreams against the harsh realities of environmental destruction, it is this writer's considered opinion that forgiveness for unfounded optimism is not in the national interest.

audio visual center

METRO MEDIA & COMMUNITY

bill nemtin

We now see ourselves as the intensifiers and facilitators of more potent communications in the community(ies), particularly as it originates from citizens groups. That statement may seem so broad as to be meaningless but it can be practically exemplified.

In working with groups our first concern is to assist them in deciding on their own communications goals and to suggest ways they can be accomplished. Many, many kinds of goals emerge, - a lot of them having nothing to do with Cable. One group may only need to make a brief to City Council, a pre-school may only wish to videotape their own activity, in order to show and engage the parents in discussing their kids, a language class for immigrants may want video tapes in various languages explaining the Canadian environment, or language development tapes showing familiar situations to its students. An Information Centre may need a tape on welfare-rights available for continual showing or a training tape for new volunteers. If a group of West End senior citizens comes to us complaining about loss of their homes resulting from the continual development of expensive hi-rise apartments, we may find ourselves assisting them in preparing a package of materials, - a written and visual brief to City Council, a pamphlet, a 7 minute radio segment, a 30 minute Cable programme and a 5 minute segment for C.T.V. news. A training process accompanies all of this production so that a group has the ability to carry on without us.

What has emerged for us is a recognition of the many channels of communication that exist in communities, and the obvious need of citizens groups to be able to use them. In this context cablevision is one of the newest addi-

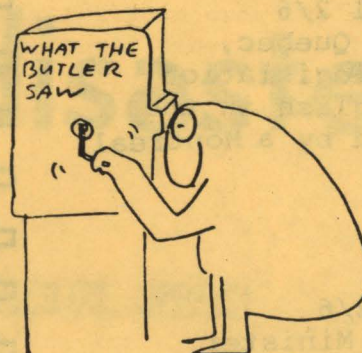
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tions which offers its own unique possibilities. The fact that it has yet to be developed makes it more interesting than other channels, many of which have become blocked up and unresponsive. However the ultimate potency of the cablevision channel is dependent on the ability and power of citizens and their groups to use all of the possibilities.

Obviously, this view we have of ourselves has affected our facilities and activities. We are not just a video group but now have a sound and print component. Neighborhood Radio, supported by Metro Media, is concentrating on organizing and training a constituency of citizens about radio procedures, and at this point are distributing their products on CBC. In two days they can train a person or small group that has something specific to say, how to produce material that is of a quality acceptable to stations. Our print resource person is available as advisor and trainer to groups on the production and distribution of print materials of all kinds. It is obvious that each medium has its own particular qualities whether it is slides or computer tape. Our aim is to assist the community to mobilize and design the use of these tools.

Metro Media Assn. is located at
1688 W. 4th, Vancouver

WE FEEL, RENFREW, THAT THE EQUIPMENT
YOU PURCHASED FOR TEACHING SEX EDUCATION
LEAVES MUCH TO BE DESIRED....



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enlightment

NOVEMBER 25 - DECEMBER 1

SATURDAY - NOV. 25

8:00 p.m. Channel 9
In Saner Hours: Tribute to
Walt Whitman, "the poet of
democracy".

SUNDAY - NOV. 26

5:00 p.m. Channel 2/6
National Geographic:
"Ethiopia, the Hidden Empire".

7:00 p.m. Channel 8
Award winning Dr. Suess
special: "Horton Hears a Who".

7:30 p.m. Channel 8
British Empire: traces the
history of Britain's colonial
policies in Australia during
the 19th century.

MONDAY - NOV. 27

8:00 p.m. Channel 9
Special: Verdi's, "The Masked
Ball", a Swedish TV produc-
tion.

10:00 p.m. Channel 2/6
Nature of Things: "The Sexes"
explore contrasts in male and
female behavior.

10:30 p.m. Channel 2/6
"Life before Birth", part II.

10:30 p.m. Channel 12
Special: Bellingham media
group present a new method
of visual presentation -
visual music.

TUESDAY - NOV. 28

10:00 p.m. Channel 2/6
"Les Anglais" of Quebec,
French language legislation
and future of English in the
province revealed by a Montreal
opinion poll.

WEDNESDAY - NOV. 29

4:30 p.m. Channel 2/6
Interview: Prime Minister
Trudeau.

8:30 p.m. Channel 5
Orson Wells in "The Man Who
Came to Dinner", update of
Kaufman and Harts' 1939
comedy.

9:30 p.m. Channel 2/6
"Leaving Home" by David
French. Powerful Canadian
stage drama of a family in
crisis.

THURSDAY - NOV. 30

8:00 p.m. Channel 9
Advocates: Do students need
compulsory education?
Discussion with prominent
author John Holt ("How
Children Learn").

9:00 p.m. Channel 9
Music, dance, and Spanish
settings enhance Oscar Wilde's
"Salome". A drama of decadence.

FRIDAY - DEC. 1

10:00 p.m. Channel 2
"One, Two, Three, Little
Indians". A young Indian
rejects city life to live
with his family in the wilder-
ness. (By Hugh Garner)

events

SFU

Wednesday - Nov. 22

5:30 p.m. - 9001

Film Series: "Juliet of the
Spirits". Role of women in
marriage, by Fellini, 1965.
Also: "The Kitchen". Parable
by Marxist playwright Arnold
Wesker, British.

Thursday - Nov. 23

5:30 p.m. - 9001

Film Series: "Red Desert"
dehumanizing environment of
an industrial society by
Antonioni, 1964.
Also: "Last Year at Marienbad"
about the uncertainties of
love, by Alain Resnais.
French with sub-titles.

Friday - Nov. 24

8:00 p.m. Theatre

Company One - theatre company
from Victoria perform "Tale
Theatre", and "Night Play".